

ABSTRACT**IMPROVED BLIND FASTENER SETTING TOOL**

There is provided a blind fastener setting tool (12) which has a front end face (218) against which a blind fastener (14) is held during a conventional setting operation and which further has a piezo-electric thin film load measuring device (222) mounted on this front face so as to be disposed and compressed between the front face (218) and a flange (122) of the fastener (14) during the setting operation so as to record a low voltage electrical signal indicative of the load being exerted thereon.

There is further provided a method of measuring such load during the setting of a blind fastener by positioning a piezo-electric thin film load measuring device between a setting tool and a fastener and subsequently measuring a low voltage signal created as a result of deformation of the piezo-electric thin film during the setting operation and analysing this signal as indicative of the load exerted on the fastener.